방 염 형 에 틸 렌 감 지 기 신호전송기 E2658−C2H4

IP66 | 4-20 mA 0-10 V | RS485 Modbus

장점

* 벽부형의 견고한 방염금속외함
* ATEX Zone 2와 22에 적합
* 2개의 선형출력 중 4− 20mA 또는 0− 10V로 설정 가능
* RS485 Modbus RTU 디지털 인터페이스
* 계전기 별매

기술규격

Calibration	Ethylene C_2H_4
Sensor type	Electrochemical
Sampling method	Diffusion
Detection ranges	0...10 ppm C_2H_4 (peak 20ppm) 0...200 ppm C_2H_4 (peak 500 ppm) 0...1500 ppm C_2H_4 (peak 2000 ppm)
Resolution	0,1 ppm C_2H_4 1 ppm C_2H_4 5 ppm C_2H_4
Repeatability	<2 %of signal
Response time T80	< 60 seconds
Maintenance interval	6 months
Sensor lifetime	2 years
Signal update	Every 1 second
Self-diagnostics	Full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	11...30 VDC / 24 VAC
Power consumption	< 2 VA
Digital interface	RS485, Modbus RTU protocol
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Enclosure	Grey die-cast aluminium, protection class IP66
Dimensions	H120 × W125 × D57 mm
Protection	flameproof, ATEX: II 2 GD, Ex ed IIC T4 Gb
Cable gland	M25 for SWA cable or steel conduit Ø10...17 mm
Wire conductors	0,5...1,5 mm^2
Operating environment	Industrial indoor and outdoor areas Safe areas and ATEX Zones 2 and 22
Operating conditions	<95 %RH, pressure 1 atm ±10%; Avoid exposure to corrosive gases

Relay option (ordering code R)

Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max
Alarm set-points	determined by user
Power supply	mains 90...265 VAC power unit (option)

* 다른 규격의 제품은 별도로 문의 요망

Approvals

Enclosure:

ATEX / IECEx

DEMKO 13 ATEX 1327771U

Ex II 2 G Ex c IIC Gb

Ex II 2 D Ex tb IIIC Db IP66

Glands:

ATEX / IECEx

IBExU08ATEX 1063 X Ex II 1D Ex tD A20 IP 6x Ex

Ex II 2G Ex e II IP68

CE conformity

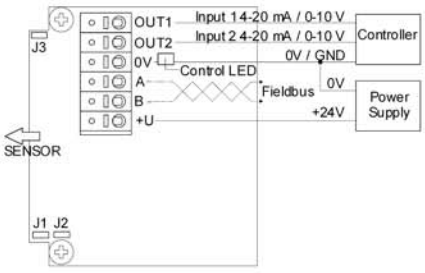
Flameproofed to IEC EN 60079-1

Increased safety to IEC EN 60079-7

EMC Emissions to EN 61000-6-3, EN 61326-1

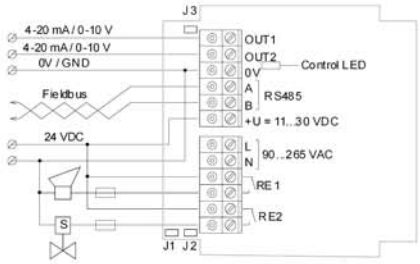
EMC Immunity to EN 61000-6-1, EN 61000-6-2

Connection diagram for basic version − 기본판



J1: OUT1 type (open: 4-20 mA; closed: 0-10 V)
J2: OUT2 type (open: 4-20 mA; closed: 0-10 V)
J3: return to factory settings

계전기 판 용 연결회로도



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